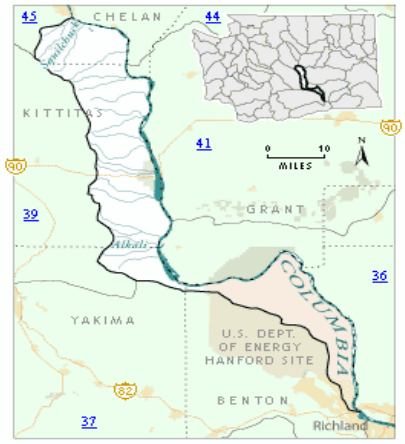
Alkali-Squilchuck Basin - WRIA #40

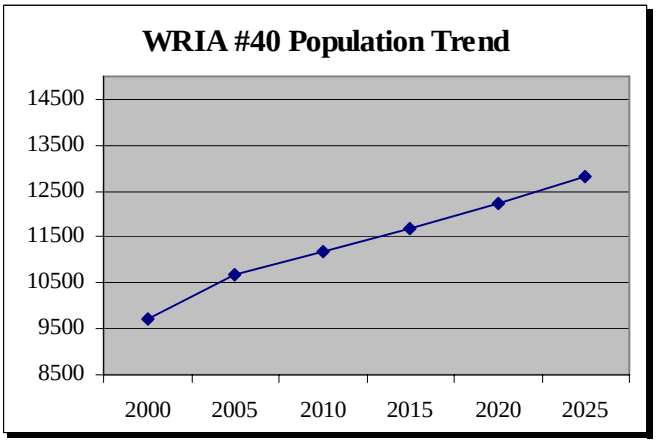


Watershed Description

WRIA #40 encompasses about 539,132 acres. Bordering the Columbia River, this watershed is within the Columbia Basin and Cascade ecoregions. Average rainfall is 18 inches a year. The basin was formed primarily through the flooding of Lake Missoula. Floodwaters tearing through the basin dropped their load of loess, sand, and outwash gravel. Native vegetation consists of big sagebrush and bluebunch wheatgrass associations.

Population

There are approximately 9,677 people living in the Alkali-Squilchuck Basin. The primary population center is Richland. The majority of people live in unincorporated areas. The population graph reflects the combined projected population of those counties located within the watershed (Office of Financial Management population projections).



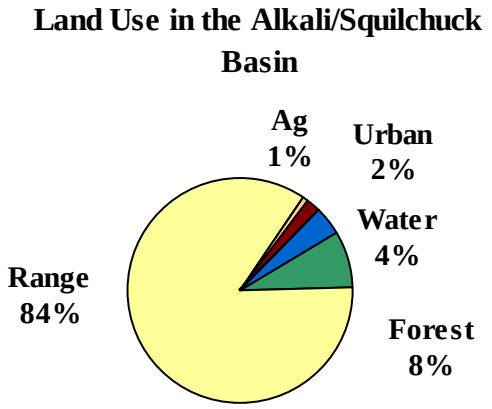
Counties	% of basin
Kittitas	48%
Benton	29%
Chelan	14%
Yakima	9%

Tribal Reservation Lands in WRIA #40
None

Land ownership for WRIA #40 includes federal, state, and private lands. Data was derived from the Public Lands Survey by Washington Department of Natural Resources (DNR).

Land Ownership	Acres	Proportion
Federal	286,128	53.1%
State	148,726	27.6%
Local	0	0%
Tribal	0	0%
Private	104,277	19.3%

Land use in the Alkali-Squilchuck Basin is mainly range--related uses. The general type of known land-use activities within the watershed is graphed according to the percentage of its occurrence.



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The *p*~~P~~rimary *t*~~T~~owns and ~~C~~*c*ities in WRIA #40 include Hanford, Wenatchee Heights, and Malaga.

Legislative and Congressional Districts

To determine your region's legislative or congressional district, see:

http://www1.leg.wa.gov/DistrictFinder/Default.aspx

To determine **Latitude/Longitude coordinates,** see:

http://www.topozone.com/

(Make sure you set the button on the bottom of the page to D/M/S - hold the cursor over a spot on the map and the coordinates show at the bottom of the screen.)

Several federal programs refer to watersheds according to their Hydrological Unit Code (HUC). To learn more about your watershed and determine which **HUC** your town or county is located in, see:

http://water.usgs.gov/wsc/

Water Quality

Water Quality Assessment

The statewide Water Quality Assessment categorizes waterbody segments that have water quality data available. The Simple Query Tool and interactive mapping tool allow you to search for specific categories, water bodies, pollutant parameters, and other information, in whatever combination you choose. **WRIA #40** has two (2) known Category 5 (impaired) water bodies.

To view the Water Quality Assessment, use the Simple Query Tool.

http://apps.ecy.wa.gov/wats/WATSQBEHome.asp

To view the Water Quality Assessment by Category, choose the Category (1 – 5) you are interested in from the drop down box. To view it by Water Resource Inventory Resource Area (WRIA), choose the WRIA number you are interested in from the drop down box.

Use the Interactive Mapping Tool to see a graphic representation of the Water Quality Assessment. This is a Geographic Information System (GIS) application that helps you find waters you are interested in and information about problems in that water body.

http://apps.ecy.wa.gov/wqawa/viewer.htm

Domestic Water Supply

~~———~~No significant use of surface water sources. For further information regarding water supplies, see:

http://www.doh.wa.gov/ehp/dw/default.htm

Salmonid Stock Status

Good water quality is important to help salmon survive and thrive. To find out which salmon species are listed as threatened or endangered in a region, see:

http://www.governor.wa.gov/gsro/regions/map.htm

Air Quality

Water quality can be affected by air quality; for example, windblown dust from construction sites or bare, dry agricultural lands, especially fallow fields, may be transported to waterways. For information about air quality, see:

http://www.ecy.wa.gov/programs/air/aginfo/Windblown_dust_information.htm

TMDLs and Other Watershed-Based Plans

For information about Total Maximum Daily Loads (**TMDLs**) in your area, see:

http://www.ecy.wa.gov/programs/wq/tmdl/

To learn more about **watershed planning** in Washington State, see:

http://www.ecy.wa.gov/watershed/index.html

For ~~F~~*f***unding** ***a~~A~~*****pplicants*****,*** other useful links can be found at:

http://www.ecy.wa.gov/programs/wq/funding/links.html